



# **THE AGENCY'S INFORMATION NETWORK - PERSPECTIVES, OBJECTIVES AND PLANS**

## **OIT BRIEFING TO THE ISB 7 MARCH 1986**

## **SUMMARY**

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- **HAVE SET TOP LEVEL PRIORITIES, STABILITY, PERFORMANCE, CAPACITY, CAPABILITIES, CUSTOMER SUPPORT**
- **HAVE TAKEN CONSOLIDATED OBJECTIVES APPROACH, CUSTOMER SERVICE AND FUNCTIONALITY, COMM NETWORKING, CORPORATE DATA BASE, STANDARDS, SECURITY**
- **HAVE MADE THE STRATEGIC DECISIONS NEEDED TO ORIENT THE PROGRAM**
- **NEXT: MAKE IT HAPPEN**

# AGENDA

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- **MANAGEMENT PERSPECTIVE AND DECISIONS**
- **OBJECTIVES AND ACTIVITIES**
  - **THE SHORT RANGE PROGRAM**
  - **THE LONG RANGE CHALLENGE**
- **SUMMARY**

## **STRATEGIC PLANNING GUIDANCE - SERVICE**

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- **PROVIDE A STABLE (RELIABLE, AVAILABLE, HIGH PERFORMANCE) ENVIRONMENT**
- **MAINTAIN OPEN ENVIRONMENT THAT PROVIDES FRAMEWORK FOR DEVELOPMENT OF NEW CAPABILITIES - BUT, WE CORPORATELY HAVE TO MANAGE**
- **PROVIDE IMPROVED INFORMATION COMPARTMENTATION ARCHITECTURE**
- **PROVIDE FULL SERVICE, DIRECT CUSTOMER SUPPORT**

## **STRATEGIC PLANNING GUIDANCE - TECHNICAL**

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- **MAXIMIZE ALIGNMENT WITH COMMERCIAL TECHNOLOGY  
(GET IN AND STAY IN MAINSTREAM)**
- **STAY AT THE LEADING EDGE OF THE STATE OF THE ART  
- EXPLOIT NEW TECHNOLOGY ON A SYSTEMS BASIS TO  
MAXIMIZE EFFECTIVENESS OF AVAILABLE RESOURCES**
- **PROVIDE IMPROVED SOURCE-TO-DESTINATIONS CONTINUITY  
OF DATA FLOW  
- REMOVE TECHNICAL BARRIERS TO FULL INTERFACE**
- **TREAT DP AND DATA DISTRIBUTION COMM AS INTEGRATED  
WHOLE, BUT AS SUBSET OF AGENCY NETWORK**
- **COMPUTER SECURITY AT PROJECT DESIGN**
- **PROMOTE REUSE OF TECHNOLOGY**
- **BE COGNIZANT OF THE INSTALLED INVESTMENT**
- **MONEY CANNOT BE ONLY ANSWER**

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## **ON THE TABLE (FOR 1989+ IMPLEMENTATION TIME FRAME)**

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- **ROBUSTNESS AND MESSAGE TRANSIT TIMES OF WASHINGTON AREA COMMUNICATIONS NETWORK MUST BE IMPROVED**
- **OFFICE AUTOMATION AND SYSTEMS FUNCTIONS WILL BE INTEGRATED AT WORKSTATION**
  - **OFFICE AUTOMATION FUNCTIONS LOCALLY EXECUTED**
  - **MULTITASKING, MULTIPLE WINDOWS, ANNOTATED GRAPHICS & IMAGERY WILL BE INTEGRATED FEATURES OF THE OFFICE SOFTWARE SYSTEM ON WORKSTATIONS**
  - **STOP STANDALONE WP ACQUISITIONS**
- **ACCESS MULTIPLE ENVIRONMENTS FROM A SINGLE WORKSTATION**
- **DATA TRANSFER MANIPULATIVE CAPABILITIES WILL BE IMPLEMENTED**

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## **SHORT RANGE: IMPLICATIONS**

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- **OPERATIONAL ENVIRONMENT IMPROVEMENTS:**
  - **SYSTEM STABILITY AND PERFORMANCE/CAPACITY**
  - **FRIENDLINESS OF CUSTOMER INTERFACES,**  
**E.G. AIM, SQL**
  - **ATYPICAL WORKSTATION SUPPORT**
  - **REMOTE BUILDING WORKSTATION SUPPORT**
- **SET STANDARDS**
  - **SERVICE**
  - **TRANSACTION EXECUTION AND FILE TRANSFER PROTOCOLS**
  - **RESPONSE TIME AND MESSAGE TRANSIT TIMES BY CATEGORIES**
- **ACCESS CONTROL SECURITY**
  - **CUSTOMER IDENTIFICATION**
  - **DISTRIBUTION OF DATA**

## **THE CORPORATE DATABASE PROGRAM**

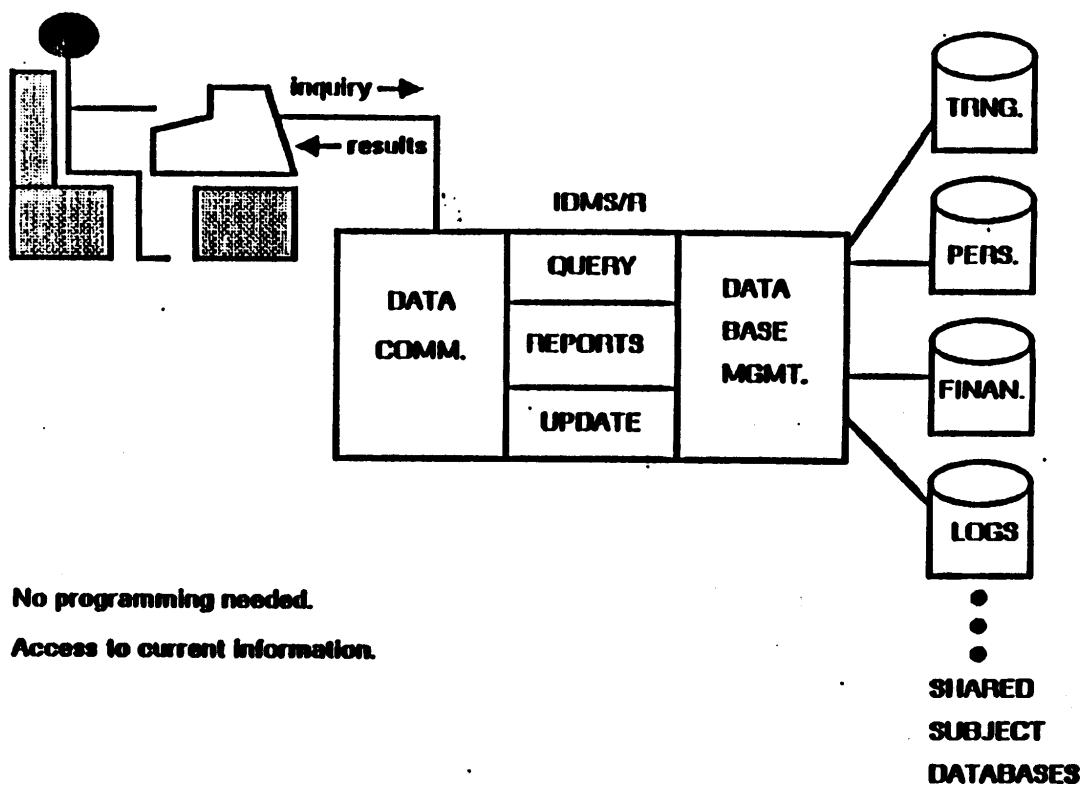
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- **THE PROBLEM:**
  - **MAINTENANCE AND OPERATIONS ARE BECOMING UNAFFORDABLE**
  - **REQUIREMENTS FOR CONSOLIDATED DATA AND DATA SHARING RAPIDLY GROWING**
- **THE ANSWER:**
  - **CONSOLIDATED FUNCTIONS**
  - **CORPORATE DATA BASE**

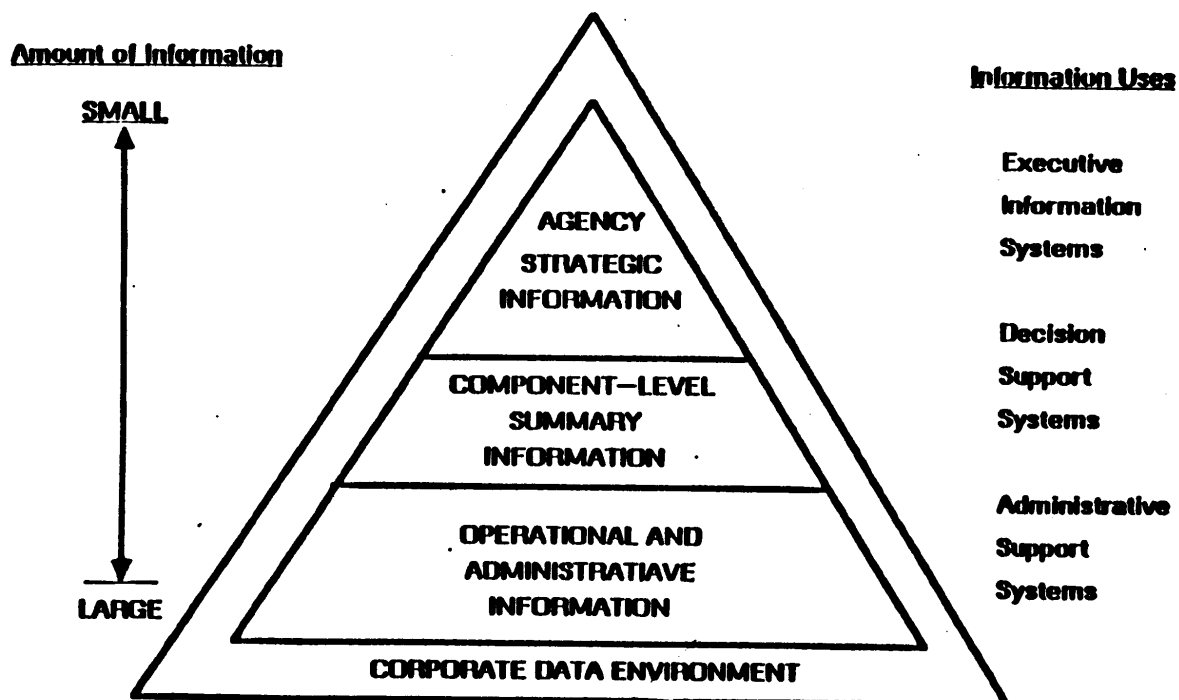
## A SAMPLER OF TODAY'S CORPORATE SYSTEMS

SYSTEM	DESCRIPTION	CIRCA
PAYROLL	BI-weekly Payroll System	MAY 1973
SPECPAY	Special Payroll (4-week, monthly, special) System	FEB 1980
HRS2	Human Resources System (personnel, benefits, and training)	MAR 1980
CONIF	Contract Information System	MAR 1972
ICS	Inventory Control System	OCT 1975
GAS	General Accounting System	OCT 1976
FRS	Financial Resources System	OCT 1972
BRS	Budget Ranking System	APR 1982
CAPER	Case Processing (for applicants) System	DEC 1979
SIMS	Security Information Management System	JUL 1985
CLINSTAT	Clinical Statistical System	OCT 1976

## **DATA CONSOLIDATION VIA CORPORATE DATABASE**



## **AGENCY CORPORATE SYSTEMS**



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## **SHORT RANGE ACTIVITIES - PRESENT THROUGH 1988**

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- **IMPROVE CUSTOMER OPERATIONAL ENVIRONMENT**
- **SET STANDARDS**
- **IMPROVE ACCESS CONTROL SECURITY**
- **EXECUTE CORPORATE DATA BASE PROGRAM**
- **PROVIDE OFFICE-LEVEL PROGRAM MANAGEMENT**
- **NETWORK SERVICES UPGRADE**



## **NETWORK SERVICES UPGRADE - OFFICE AUTOMATION**

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- **AIM**
  - **DOCUMENT STORAGE AND RETRIEVAL**
  - **ELECTRONIC MAIL**
- **COMPOUND DOCUMENT**
- **CUSTOMER INTERFACES ENHANCEMENT AND MOVE TOWARDS STANDARDIZATION**
- **IMPROVED CUSTOMER DOCUMENTATION**
- **GRAPHICS (BUSINESS, PRESENTATION, ANALYTICAL, PUBLICATION).**
  
- **MAYBE:**
  - **VOICE MESSAGING**
  - **CALENDAR, ETC.**

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## **NETWORK SERVICE UPGRADE - WORKSTATIONS**

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- **WORKSTATIONS ARCHATECTURE AND PROTOCOL ANNOUNCED SEPT 85**
- **GAPS IN PRODUCT LINE WILL PROMPT EARLY HIGH END WORKSTATION SEARCH**

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## NETWORK SERVICES UPGRADE - SAFE

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- COMMUNICATIONS SYSTEM
- OFFICE AUTOMATION SYSTEM
- DOCUMENT LIBRARY AND SEARCH SYSTEM
- SHORT RANGE PLANS SUPPORT
  - DELIVERY 2 : FEBRUARY 86
  - DELIVERY 3 : NOVEMBER 86
  - 1987 : POPULATION TO
  - DELIVERY : APRIL 1988

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